

# FOLIO

University of Alberta

15 December 1988

## Survey Data Show

### Social Values Don't Change at U.S-Canada Border

William Johnston, here on leave from the Department of Sociology at the University of Western Ontario, recently presented a talk titled "Do Canadians and Americans Have Different Social Values?" Professor Johnston was reporting results of a study he and two colleagues conducted to test Seymour M. Lipset's widely-believed thesis that despite similar roots as English colonies, differences in Canadian and American origin led to different value systems in the two countries.

Lipset has argued that the American rejection of British domination led to a political culture organized around liberalism and individual rights. By contrast, Canadian political culture developed around loyalty to the nation and respect for authority. He says there is a distinct Canadian orientation to collectivism, economic egalitarianism, conservatism, traditionalism, and deference to authority.

Dr. Johnston and his colleagues examined survey data derived from representative national samples of Americans, English Canadians, and

French Canadians. The researchers predicted that if Lipset were correct, the data would show Canadians to be: 1) less supportive than Americans of corporate interests, 2) more favorable to reducing economic inequality and to increasing social service spending, 3) more supportive of the rights of trade unions, 4) more favorable to family discipline and legal punishment as ways of controlling crime, 5) less favorable to gender equality, and 6) more trusting of the government.

The study's results did not bear out those predictions. Not only is Lipset's theory unsupported, but "a few of our most cherished conceptions of ourselves are thrown into doubt as well," Dr. Johnston said, adding that "we all came to think of ourselves in the way that Lipset had constructed us."

The three groups' attitudes are strikingly similar; the few significant differences that do exist are contrary to Lipset's theory: 1) English and French Canadians both are more supportive than Americans of gender equality in the workplace and more opposed

to traditional role arrangements that ensure male dominance in the household, 2) English and French Canadians both are less inclined than Americans to see family discipline or stiffer criminal sentences as a remedy for the problem of crime, and 3) Canadians, both English and French, are much less trusting of government than are Americans.

Two more differences among the groups emerged from an additional analysis that adjusted for the effects of education, income, age, gender, and social class. First, English Canadians and Americans do not differ in their attitudes about labor rights (French Canadians are significantly more supportive than either English-speaking group).

Second, the three groups do not differ on attitudes about corporations' measures to reduce inequality or on attitudes regarding social service spending. Dr. Johnston commented, "It wouldn't appear that we are any more humane, tolerant, or kinder than Americans in terms of our attitudes towards any of these policies or issues." □

### Forms Management Committee Takes on Herculean Task

If ever a committee had its work cut out for it, it's the University's Forms Management Committee.

Thousands of forms are in use on campus. "It's such a big project . . . how can we tackle it in small bites?" wonders committee member Len Young (Printing Services).

The Forms Committee, a subcommittee of the Visual Identity Program, wants to plan forms use for increased efficiency of paperwork. Members are from units

whose lifeblood is forms (Materials Management, Personnel Services and Staff Relations, the Comptroller's Office and the Faculty

of Graduate Studies and Research).

Among the potential savings and benefits for the University are the following:

- Consistency in forms design and specifications;
- Storage space (storage space requirements could be drastically reduced);
- Ordering procedures (the effort that accompanies the purchasing of business forms could be virtually eliminated);
- Inventory control (allows complete control over forms inventory. Out of stock situations and costly rush orders could be

eliminated).

The committee, under the chairmanship of Al Squibb, is also considering a move towards electronic forms (Materials Management's purchase orders have electronic applications). One example that is being looked at is the University of Michigan's Electronic Document Handling System.

Ultimately, a manual of guidelines for forms control, design, and production techniques will be printed. It will be the third manual in the series of Visual Identity Program publications. □

University of Alberta

## Interim Report: Campus United Way Campaign

By 8 December, contributions from 488 generous University donors to the University United Way campaign totalled \$98,671.

That leaves us somewhat short of our campus goal of \$140,000.

But there's still time to make a donation—gifts are continuing to come in, and all are gladly accepted.

Your contribution is needed to continue funding the programs of the 40 agencies that serve more than a quarter of a million people in our community. From the Canadian Red Cross to the YWCA, Edmonton's Food Bank to the St. John Ambulance, close to 120 programs are helping people in need.

If filling out the pledge form just slipped your mind, now is the time to act. One-time or continuing deductions can be arranged through Payroll, Comptroller's Office, 3rd floor, Administration Building. Payroll will also forward cheques made out to the United Way.

Your gift is an important one—your generous support makes a critical difference. Won't you please act now. □



Ring House Gallery retiring with honors - page 3.

Of Osiris, Live Forever!

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- 'Letters'
- Profile: Wayne Baker, Parking Services



Folio, 15 December 1988



Photo/University of Alberta Public Affairs

## Students Off to Computing Derby in Kentucky

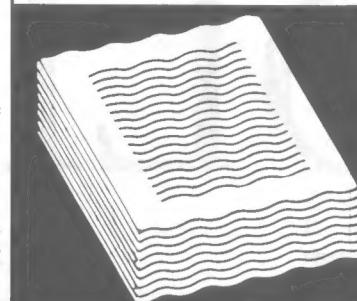
Their computing skills have won these U of A students a free trip south this winter.

Computing science undergraduates (left to right) Wade Holst, Patricia Evans and Russell Schulz teamed up with second-year mathematics student Brendan Mumey (second from left) to program their way to first place in the Association for Computing Machinery's regional competition in Regina on 19 November.

Facing six other teams from

Alberta and Saskatchewan, the foursome, the youngest team competing, devised computer programs to solve the largest number of mathematical problems. The U of A computing stars scored higher than teams in simultaneous competitions in Arizona, Idaho and Colorado and won the right to represent the Mountain Region of Canada and the United States in the American national championship meet in Louisville, Kentucky, in February. □

## Currents



### Campus Reviews

As part of the process of carrying out systematic reviews under the guidance of the President's Advisory Committee on Campus Reviews (PACCR), the Department of Animal Science is completing the self-study phase of the review process. The other major phase of the process is the site visit and assessment by the Unit Review Committee on 16, 17, 18 and 19 January 1989.

In preparation for this second phase, PACCR invites written comment prior to 13 January 1989. Submissions are for the use of the Unit Review Committee and will be held in confidence by the members of that committee.

Submissions should be sent to: Mrs. Shirley Moore, Coordinator, PACCR Office, W4-13 Chemistry Building, Attention: The Animal Science Unit Review Committee.

### Service of Nine Lessons and Carols

On Friday, 16 December, at noon, a service of Nine Lessons and Carols will be held in Convocation Hall.

The University of Alberta Chaplains' Association invites everyone to attend.

### Arts Strikes Chair Selection Committees

The Faculty of Arts wishes to announce that Chair Selection Committees are being established to select new Chairs for the Departments of Anthropology, English, Romance Languages, and French and East European Studies. These committees are prepared to receive nominations and comments from members of the University community; they should be addressed to T.L. Powrie, Acting Dean of Arts.

## Holiday Publishing Schedule

*Folio* will publish on 22 December, but not on 29 December.

The first issue of 1989 will appear on 5 January. The usual deadlines—9 a.m. (29 December) for copy and "Talks" listings and 3 p.m. (29 December) for classified and display advertisements—will be in effect. □

### Deadlines:

**Notice of coming events:** 9 a.m. three weeks in advance of desired publication date.

**Classified advertisements:** 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements.

Advertisements cost 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50.

Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made.

Advertisements cannot be accepted over the telephone. All

advertisements must be paid for in full at the time of their submission.

**Display advertisements:** 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

The editor reserves the right to select, edit and position submitted copy. Views expressed in *Folio* do not necessarily reflect University policy.

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Editor

Public Affairs produces *Folio*  
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## Adieu, Ring House Gallery

Ring House Gallery is being retired with honors, says Jim Parker, Director of University Archives and Collections. This Sunday, it will close its last exhibition. But the three storey, red-brick house, Ring House One, which contains the gallery, will not be locking its doors. It will continue to serve as a base for staff planning the move to the new Timms Collections Centre, opening in 1992.

"We simply do not have the human and financial resources to continue an active gallery program and also plan for the new centre," Parker says, adding it's not unusual in museum and art collections circles to declare a moratorium on gallery operations. That will free staff time so they can concentrate on the massive inventory (50,000 items need to be identified and packed, and an attempt will be made to computer-catalogue the 17 million objects in the fine art, human history and natural science collections) and program planning needed for the move.

Ring House One was built in 1911-12 for the University's first president, Henry Marshall Tory, and served as home for subsequent presidents until 1959. Its life as a gallery began in 1970, when Art and Design turned it into the University Art Gallery and Museum. Then, in 1976, University Collections took it over, changing its name to Ring House Gallery in 1978. "It served an important purpose," says Parker, explaining it was a place to show the University's treasures, to make the University's rich collection of fine art and artifacts more accessible to both the University community and the public.

Jain Kurany, Public Relations Officer for Collections, says the gallery has been a special, intimate, friendly, eclectic place that will be missed in the artistic community.

Throughout her 18-year

involvement with the Ring House Gallery, Helen Collinson, Director of the Gallery and Curator of University Collections, has regarded the house and its garden as a place of grace on campus. However, she says, the staff has had to work hard to deal with the limitations which the structure imposed on the kinds of exhibitions they could show.

"We've shown a lot of photography, printmaking, drawings . . . ironically, some very contemporary art . . . conceptual art, small sociological pieces, fitted well into this venue. It's an interesting space, because it's not a temple to art, not a warehouse. It functions well as exhibition space but poorly in terms of environmental attributes."

Ring House Gallery staff, says Collinson, have developed good relationships with a lot of people on campus, tried to work with other departments to bring in exhibits for teaching programs, and tried to create exhibitions that made use of many different disciplines. As well, she notes, "We've always tried to have very close attention paid to good design in terms of graphics and exhibition design, and tried to bring up the public profile of the gallery so people would recognize we had important collections on this campus."

Collinson believes a university gallery should try to fill some gaps in the artistic community. Ring House brought in travelling shows like Peace Earth Peace, an international mail art exhibition, and Chinatown Interiors. It dealt with questions like 'What is art?' by holding events like Creative Clothing, a unique fashion show, and last year's Summer Show.

"It's the University's mission to share new ideas and thinking. Ring House Gallery did that," asserts Parker. He doesn't anticipate that approach changing with the new



Timms Collections Centre.

Meanwhile, with the support of the Friends of the U of A Museums, their public outreach program will continue, he says.

At its peak, the gallery presented 10 to 15 shows a year, although less programming money has meant fewer shows in the last few years.

The highlight for Collinson was the gallery's most ambitious show, *O! Osiris, Live Forever!* It starred the University Collections' mummy and artifacts loaned from an Egyptologist in Manchester. It explored the scientific process of mummification, and called on the resources of Classics, Dentistry and Medicine, as well as the Canadian Conservation Institute which repaired the mummy and coffin.

"It was two years in the planning. We let it sit here for six months," says Collinson.

Back in 1979, University Collections staff developed a proposal for a new venue, Collinson says. Now, they're getting ready to move to the 100,000 square foot Timms Collections Centre with 10,000 square feet of gallery space, a conservation laboratory, controlled-environment storage, studios and classrooms for teaching.

Large exhibitions take three to four years to plan, Collinson says, and recently the staff have been having weekly brainstorming meetings for the new centre. "We need to deal in dreams for a while," she suggests. □

## Fat Chance of North Americans Changing Attitudes Towards Obesity

"Cultural Aspects of Obesity" was the topic of a 6 December lecture by Pamela Brink, a cultural anthropologist and Associate Dean of Research (Nursing).

Dr. Brink opened her talk with descriptions of cultures in which obesity is the standard of beauty, and women sometimes become so large they cannot walk unaided. In such cultures, as in North America, beauty is bound up with economics and status, and it is the most wealthy who are most likely to attain the prevailing standard.

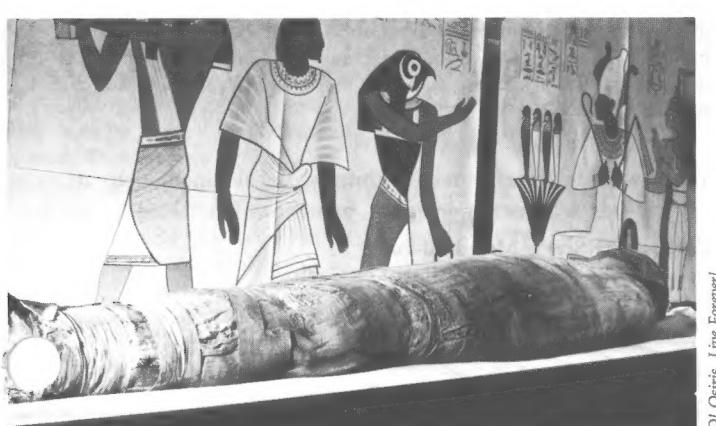
Dr. Brink discussed body-fat distribution in various parts of the world, and looked at historical changes in how body size has been valued. She suggested that our cultural norms are responsible for inappropriate weight guidelines and for a medical model that has too broadly defined obesity as a disease.

There followed a description of research that discredits the North American notion that fatness

reflects gluttony and a weak will. For example, white fat (associated with large hips and thighs) is distinguished from brown fat (more often on the torso). With equal amounts of exercise, white fat is much more difficult to lose than brown.

People who have a "fat gene" gain weight eight times faster than people without it; research in the Kalahari desert has demonstrated this gene to be an adaptive mechanism. Women who can gain weight quickly and lose it slowly are more likely, when food is scarce, to have the body fat necessary for conception and lactation; the survival of the group thus is protected.

Such research, Dr. Brink said, "may or may not change our attitudes towards fat as a disease or as an aesthetic. But as long as we consider it a disease, as long as we consider it immoral or ugly, we will continue to support something like an \$8 billion weight-reduction industry." □



O! Osiris, Live Forever!

# Letters

## Inventory and Plan for Teaching Effectiveness

■ The recent report of IPTE (Inventory and Plan for Teaching Effectiveness) prepared by Christopher Knapper and discussed publicly on 22 November has stimulated general interest in the quality of teaching. The large attendance at the meeting and the vivid discussion offer the best proof that our teaching staff takes the issue seriously. According to survey data, our faculty believe that acquisition of facts by students is less important than developing cognitive skills. However, actually much of the teaching now consists of formal lectures which frequently work against developing skills. "Ironically, one possible source of resistance to giving learners more autonomy comes from students themselves, partly because it challenges the stereotype that the role of the learner is to passively soak up conventional wisdom . . ." (Report, p. 25).

According to my own painful experience, many students definitely do not appreciate the great learning value of writing papers and making short oral presentations. For several years in my courses I treated as mandatory both these activities which, according to my understanding and long academic experience, are quite critical for real understanding by students of the subjects taught by me (social organization, complex organizations, organizational theory). Finally, I had to change to the optional papers and oral presentations in order to improve the general satisfaction of students accustomed to the more traditional forms of teaching, learning and performance evaluation.

It is clear to me that in order to introduce forms of teaching it is necessary to calculate into them the unavoidable *costs*. One of them is the fact that the majority of students will not be necessarily happy, at least temporarily, with the new arrangement. As long as we officially identify the quality of teaching with the general satisfaction of students there is a substantial danger that cheap popularity may be taken seriously as the proof of excellence. On the other hand, teachers have a good reason to hesitate in experimenting with new teaching approaches when their popularity scores may go down.

In the final instance it depends on our administration as to what actually may be treated as quality learning. I do not believe that the move to better teaching may be achieved without some pain on the side of the academic staff as well as on the side of students. Programs need to be evaluated in order to concentrate on the basics instead of keeping students busy with running from one course to another without the necessary time and incentive to involve them in in-depth studies. Superficial knowledge is actually worse than no knowledge at all. There must be a good chance for students to digest what they learn, as well as to be exposed to the culture. It is not our mandate to produce a large number of busybodies. We should be proud to train experts and intellectuals. The favorable climate surrounding our teaching and research activities should be of major concern to our administration as well as to AASUA.

Alexander J. Matejko  
Department of Sociology

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## Half of U of A Faculty Below Average

■ One half of all full-time faculty at the University of Alberta are below average. How can the U of A ever aspire, as an institution to pre-eminence in teaching and research when such a situation prevails?

Entrance standards for students to the U of A have been increased. Regardless of such bold commitment to elevate the qualifications required of students, one half of them are still below average. The problem appears to be self-perpetuating.

The gloomiest scenario sees above-average students, particularly those who have already received grades of outstanding (9) or superior (8), dependent on instruction from below-average faculty members.

Lest those faculty with primarily research obligations feel complacent on this issue, the problem can be extended. Half of all researchers at the U of A are below average, and half of all research conducted is of an institutional standard below average.

The apparent solution would be to deny admission to below-average students and dismiss below-average faculty members.

One half of students and faculty are unquestionably below average ( $p < .0001$ ), thus it is necessary to reduce the entire population (n) by one-half each year to address the problem. If this were applied consistently over the next ten years, an impeccably high standard would be achieved.

My calculations project that under this program, by the year 2000 the University would have 22 students and three faculty members. Unfortunately, half of them would still be below average.

D.B. Gilboe  
Department Restorative Dentistry

## Dr. Christopher Scarfe Memorial Graduate Scholarship in Geology

To honor the memory of Dr. Christopher Scarfe and to recognize his achievements in scientific research—which continue to bring recognition to the University of Alberta—an endowment has been created to establish the

Dr. Christopher Scarfe  
Memorial Graduate Scholarship in Geology

From as early as age 11, when he went on scholarship to the City of Norwich School, Chris's academic work was made possible through the financial assistance of scholarships and grants. A Killiam Research Fellowship for 1988-1990 would have enabled Chris to run the Experimental Petrology Laboratory and the new "superpress" full-time. It is thus fitting that we remember him by providing recognition and assistance to future students pursuing careers in scientific research.

You may wish to commemorate Chris by contributing to the:

Christopher Scarfe Memorial Fund  
c/o Dr. N.W. Rutter, Department of Geology  
University of Alberta  
Edmonton, Alberta, T6G 2E1

## Profile: Wayne Baker, Parking Attendant, Z Lot

Not many people get to campus before Wayne Baker. He's settled in at his Z Lot booth, between Student Health Services and the Fine Arts Building, by about 7:30 a.m.

Baker, who's worked for Parking Services, as an attendant or in enforcement, from 1976 to 1981, and since 1985, describes a typical day at his lot. By 7:55 a.m., he's sold out of daily visitor passes for the morning. "I sell as many as I can without turning away annual permit holders," he explains. In the next three hours, he helps people find various buildings, directs others to appropriate loading zones, and provides about \$10 in change for the dozen parking meters in his lot. On his breaks, he checks to see what spots have opened up. "Things get tight at 11 in the morning and 2 in the afternoon," Baker says. He might sell another 20 passes between these times, and then suggest other venues if his lot is full. His shift ends at around 3 p.m.

Originally from Lethbridge, Baker earned his BA at the University of Alberta and received his MA in Divinity from Golden State Southern Baptist Theological Seminary in 1983 before returning to Edmonton. He preaches occasionally at the Hope Mission downtown, in the "ministry to people off the street," and helps with the Sunday school at his own church. He's also involved with Baptist Student Ministries on campus.

Quiet by nature, Baker enjoys bridge and chess and is interested in computers. He plans to take courses to help the church set up computer programs for master data files and other needs.

The most challenging part of his job, Baker says, is to find ways of countering the efforts of people who deliberately park illegally and occupy space that should be available for permit holders and paying daily customers.

The best part of the job? Some of the people he meets. "Some are very friendly, have a good sense of humor. They'll share a joke with you." He gets to know some of the "regulars" at his lot and earlier this term, he was able to help out in an emergency. A music professor who'd slipped and injured himself couldn't contact his office before going for the hospital. He stopped at the booth and asked Baker to inform his secretary and students. "Since then he and I have

friendly chats as he drives by," Baker says.

"I take pride in doing the best I can," he responds, when asked about special skills. When people need information about locating campus events or conferences, he tries to help. "I know about most things on campus . . . I will try to get as much information as they have . . . If I can't figure it out I will often phone the office to see if they know anything about it."

But some questions can really put him to the test. "One person wanted to go to 112 Street and 88 Avenue," he recalls, noting that's the right address for his booth, "except he wanted Fort Saskatchewan." □



Photo/University of Alberta/Public Affairs

Wayne Baker's knowledge of campus goes way beyond Z Lot.

## Successful Final PhD Oral Examinations

Name	Department	Final Thesis Title
Igor Gavanski	Psychology	"The Subjective Probability of Compound Events: Why Do People Commit the Conjunction Fallacy?"
Brenda J. Gustafson	Elementary Education	"Children's Learning in Science: A Collaborative Study"
Raymond Einar Lovlin	Physical Education and Sport Studies	"Indices of Hypoxia-Induced Free Radical Activity in Tissues of Animals"
Gordon Robert Nicol	Chemistry	"Ion-Molecule Reaction Studies of Hydrogen Bonding in Protonated Ions and Methyl Cation Affinities"
Irene Joan Nicolson	Educational Administration	"Concept of Faculty Vitality"
Milan Ralitsch	Chemistry	"Synthetic Studies of Norpachoulenol and Strophanthidin"
Sharon Lesley Richardson	Educational Administration	"Implementing Baccalaureate Entry Into Nursing Practice in Alberta: An Analysis of the Articulation Policy Issue"
Leslie Merville Samuelson	Sociology	"The Out-of-School Experiences of Dropouts: Labour Market Success and Criminal Behavior"
James Orrock Schieck	Zoology	"Territory Selection and Site Fidelity in Willow Ptarmigan: the Importance of Quality and Familiarity with Territory and Partner"
Raymond John Schmidt	Educational Administration	"The Fiscal Equalization Effects of the Alberta Education Equity Grant"
Pamela K. Werner	Biochemistry	"Protein Chemical Studies of Band 3, the Anion Transport Protein of Human Erythrocytes"
Paul Joseph Young	Zoology	"Ecological and Energetic Aspects of Hibernation of Columbian Ground Squirrels in Relation to Patterns of Over-Winter Survival"

# Heavenly Fallout— What it Can Tell Us

**Asteroids could be a source of useful raw materials for future space colonies.**

An astro-geologist at the University of Alberta, studying the composition of near-earth asteroids, says there's "a ready-made pile of material out there that could be useful to us if we ever colonize space."

Asteroids are small bodies of rock or metal, and there are tens of thousands of them (the largest about one kilometre across) orbiting in space.

"We need to get an inventory of these raw materials. If we know what's there, if we ever go out to colonize space we could use it instead of having to launch material in a shuttle," says researcher Edward Cloutis.

Cloutis is measuring the range of colors in light reflected off asteroids (it's visible only through a telescope), then trying to match this range (the spectra) with the

spectra of combinations of rock, and meteorites, ground up in his lab. (Meteorites are asteroid debris that has fallen to earth.)

When there's a match between the asteroid spectra and the laboratory spectra, researchers know the composition of the asteroid.

Research has shown that some meteorites are composed of nickel and iron—"a beautiful high quality steel, it just needs to be cut and welded to make whatever shapes you want." A small percentage of water is also present. "That's important. Space colonies will need water," Cloutis says.

Along with this inventory, Cloutis is also working on the development of a "spectrum library"—a system for accurate and fast computerized matching of light curves from an asteroid with light curves in a data base.\*

\* Reprinted from Research Report, published quarterly by the University's Office of Public Affairs.

student in an eligible undergraduate program in the natural sciences or engineering.

- be registered in a bachelor's degree program leading to an honors degree or a degree with a major.
- not be registered in a general or professional degree program.
- as of 1 May 1988, not have more than four terms of academic work remaining for completion of a bachelor's degree.
- not have started a graduate program.

*Deadline date:* 25 January 1989 (this deadline is for the Office of Student Awards - Your Faculty/Department may have an earlier deadline to be met in order to have time to rank order the applications).

If interested in this award, please contact the Dean/Chair of your Faculty/Department or the Office of Student Awards, 252 Athabasca Hall, 432-3221.

## The Mackenzie King Travelling Scholarships

*Number and value of scholarships:* four or

five scholarships of up to \$10,000. *Eligibility:* open, on application, to graduates of any Canadian university who propose to engage, either in the United States or the United Kingdom, in postgraduate studies in the field of International or Industrial Relations (including the international or industrial aspects of Law, History, Politics, and Economics).

## The Mackenzie King Open Scholarship

*Number and value of scholarship:* one, one-year scholarship of up to \$7,000.

*Eligibility:* Open to graduates of any Canadian university. Offered in competition for full-time postgraduate studies in Canada or elsewhere, and in any field.

*Deadline date:* 1 February for both Scholarships.

For more information, contact: Office of Student Awards, 252 Athabasca Hall, 432-3221.

## Reference Librarian

The University of Alberta Library invites applications for a Health Sciences Librarian. Reporting to the Health Science Reference and Collections Coordinators, the incumbent will be responsible for the provision of Library services including: Library instruction, on-line data base searching, reference work, liaison and collection development. Work will include a focus on disciplines serving rehabilitation medicine.

The successful candidate will have a degree in Library Science from an accredited program, as well as relevant experience within a health sciences library. Related education and knowledge of the literature relevant to rehabilitation medicine are assets.

This position will be filled as a two-year term, which may become permanent, at the Librarian I level with a minimum salary of \$26,564.

Candidates should send a *curriculum vitae*, transcripts of academic records and the names of three references by 15 January 1989 to: Mr. J. Teskey, Personnel Officer, 5-02 Cameron Library, University of Alberta, Edmonton, Alberta T6G 2J8.

## Tenure-Track Position in Hebrew Language

The Department of Religious Studies invites applications for a tenure-track appointment (subject to budgetary considerations) in Hebrew Language at the junior assistant professor level, starting 1 July 1989. Minimum salary for 1988-89 is \$33,144.

The successful candidate must be competent in both Biblical and Modern Hebrew, and have native or near-native fluency in the latter. Completed PhD and demonstrated research and teaching ability are expected; competence in one or more periods of Hebrew Literature is desirable. Applicants should specify their areas of scholarly expertise.

Applications, which should include a *curriculum vitae*, names of three references, and transcripts, should be sent to: Dr. T.M.S. Priestly, Chairman, Department of Religious Studies, University of Alberta, Edmonton, Alberta, T6G 2E1, by 1 February 1989.

## Support Staff

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 9 December. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Clerk Steno II (Part-time, Trust), Pathology, (\$638-\$792) (prorated)  
Clerk Typist II (Part-time), Physical Plant, (\$766-\$950) (prorated)  
Clerk Steno III (Part-time), Genetics, (\$711-\$893) (prorated)  
Clerk Steno III (Trust), Faculty of Agriculture and Forestry, (\$1,421-\$1,785)

Clerk Steno III (Trust), Immunology, (\$1,421-\$1,785)  
Clerk Steno III (Trust), Faculty of Medicine, (\$1,421-\$1,785)

Clerk Steno III, Forest Science, (\$1,421-\$1,785)  
Clerk Typist III (Receptionist), Office of the Comptroller (Payroll), (\$1,421-\$1,785)

Clerk Typist III, English, (\$1,421-\$1,785)  
Clerk Typist III, Housing and Food Services, (\$1,421-\$1,785)

Student Records Processing Clerk I, Faculté Saint-Jean, (\$1,421-\$1,785)

## Talks

### Soil Science

15 December, 12:30 p.m. D.J. Pluth, "Tree Rooting Zones: Problems in a Holistic View." 2-36 Earth Sciences Building.

### Alberta Heritage Foundation for Medical Research

20 December, 4 p.m. Jeffrey Ulmer, associate research scientist, Department of Cell Biology, Yale University School of Medicine, "Biosynthetic Anomalies in the Glycoporphins of Murine Erythroleukemia Cells." 5-10 Medical Sciences Building.

### Anatomy and Cell Biology

21 December, noon. Robert Hodges, "Protein Isolation: HPLC." 6-28 Medical Sciences Building.

### Physics

21 December, 3:30 p.m. M. Paranjape, University of Montreal, "Berry's Phase and Induced Statistics." 631 Physics Building.

### Tamil Language and Literature

22 December, noon. K.S. Nadarajah, formerly of Sri Lanka Broadcasting and National Film Corporations, "Literature of the Tamils 2000 Years Ago." 14-6 Tory Building.

## The Arts

### Exhibitions

#### Ring House Gallery

Until 18 December. "Chinatown Interiors."

### SUB Theatre

Until 18 December. Stage Polaris presents "Winnie-the-Pooh Christmas Tail." 432-9483.

21 December, 6 p.m. Edmonton Jaycee Variety Show. Tickets at the door.

## Sports

### Basketball

29 December, 7:30 p.m. Golden Bears vs. Victoria.

30 December, 6:30 p.m. Pandas vs. Victoria.

30 December, 8:15 p.m. Golden Bears vs. Victoria.

31 December, 1 p.m. Pandas vs. Victoria.

## Award Opportunities

### NSERC Undergraduate Student Research Awards

*Value:* \$3,000 (\$750/month for four months).

*Eligibility:* A candidate must:

- be a Canadian citizen or permanent resident.
- be currently registered as a full-time

*The University of Alberta is committed to the principle of equity in employment.*

*In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.*

### Academic

#### Social-Cultural Anthropology

The Department of Anthropology invites applications from socio-cultural anthropologists for a tenure-track position at the junior Assistant Professor level. This appointment is subject to budget approval.

The successful candidate will hold a PhD, and teaching and research experience are important. Topical areas include peasant or pastoral societies, nation states and minorities, anthropology of health. Preference will be given to those with geographic interests in Africa, the Near East or East Asia.

Effective date of appointment: 1 July 1989.

Salary: \$33,144 per annum.

Closing date for receipt of applications: 15 March 1989.

Send *curriculum vitae* and names of at least three references to: Chair, Selection Committee, Department of Anthropology, University of Alberta, Edmonton, Alberta T6G 2H4.

Secretary, (Part-time), Family Practice (Royal Alexandra Hospital), (\$792-\$1,012), (prorated)  
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 Biochemistry Technician I/II (Trust), Oral Biology, (\$1,643-\$2,397)  
 Technician III, Geology, (\$2,109-\$2,730)  
 Technologist II, (Term), Boreal Institute for Northern Studies, (\$2,200-\$2,851)  
 Technologist II, (Split-funded), Home Economics, (Clothing and Textiles), (\$2,200-\$2,851)  
 Programmer Analyst II, Computer Engineering, (\$2,397-\$3,113)  
 Programmer Analyst III, University Computing Systems, (\$2,851-\$3,723)  
 For vacant Library positions, telephone 432-3790.  
 Library Assistant I, J.W. Scott Library, (\$1,469-\$1,863)

## Advertisements

### Accommodations available

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references will answer all queries, and send information. No cost or obligation. Call collect (604) 592-3666, Lois Dutton, Wessex Realty, Victoria, B.C.  
 Rent - Blue Quill. Furnished, three-bedroom townhouse. December-April, 432-4693, 437-7924.  
 Sale - Mechanic's delight, \$74,500. Easy access to University from this newly renovated, three-bedroom bungalow. Dream kitchen, 24x26' garage, greenhouse. Shirley Kilfoyle, Shirley Howat, Royal LePage Realty, 438-5100 (24 hours).  
 Rent - Fully furnished, one-bedroom apartment. Close to University. February-June. Responsible, professional preferred. 431-1423.  
 Sale - Windsor Park. Beautifully-upgraded, three-bedroom bungalow. Hardwood floors. Architecturally-designed kitchen. New double garage. Large treed lot. \$135,000. 432-7296.  
 Sublet - Free damage deposit, plus half month's rent free. Large, one-bedroom. 1 January, University area. \$574. 433-5760.  
 Rent - 111 St./73 Ave. Nice, unfurnished suite, kitchen, bathroom. Available 1 January. Non-smoker. 438-6610 2 p.m.-4 p.m.  
 Rent - Starting 1 January, very nice house in Windsor Park. \$1,000. 439-3311.  
 Rent - 10324 124 St. Large, two-bedroom apartments. Quiet, immaculate, \$350 and \$375. Soft water, free dryer. Next to the Woltjen Gallery. Phone 488-0880 or 466-7571.  
 Sale - 7522 118 St. Two-bedroom bungalow, developed down, large lot, double garage. \$97,500. 436-4692.  
 Share - House, \$250 includes everything except food. Female only. Available immediately. 434-6832, 464-4971.  
 Rent - Luxury, one-bedroom condominium. University area. Underground heated parking, pool,

sauna. \$650 utilities included. 433-1964.  
 Sale - Lakefront cottage, Wabamun. Beautiful view. Cozy, fully furnished cottage. Terrific location. Huge lot. Chris Tenove, 433-5664, 436-5250. Spencer Realty.  
 Sale - Winterized cottage. North shore. Three-bedroom bungalow. Chris Tenove, 433-5664, 436-5250. Spencer Realty.  
 Sale - Estate sale. \$74,900. Home and/or revenue. Chris Tenove, 433-5664, 436-5250. Spencer Realty.  
 Sale - \$19,500. Hubbles Lake retreat. Chris Tenove, 433-5664, 436-5250. Spencer Realty.  
 Sale - Westpoint Estates. Three lots left. Chris Tenove, 433-5664, 436-5250. Spencer Realty.

### Accommodations wanted

Two- or three-bedroom house, close to University, from 19 December, for couple with young child. Would consider house-sitting. Phone 432-4251.  
 Professional family of three, available to house-sit, from 1 January to May/June 1989. 439-0765 after 6 p.m.  
 Sessional lecturer and wife wish to house-sit, January-April, references. 437-2480.

### Goods for sale

Cash paid for appliances, 432-0272.  
 Sale - Technics equalizer, \$50. JBL speakers, \$100. Shelly, 432-7245.

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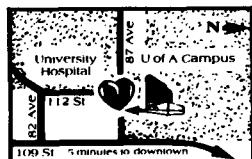
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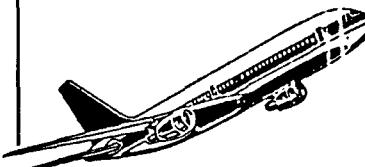
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